F.A. RTE.	SECTION	С	OUNT	Υ	TOTAL	SHEET NO.		
*	**	WIL	LIAN	ISON	917	754		
STA.		TO	STA.					
FED. ROA	D DIST. NO.	ILLINOIS	FED.	AID	PROJECT	•		

* I-57, & OLD IL 13 (FAU 9629) * * (X1-6-2)VB-2,(X1-6)HBK-2

The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.

result of site specific designs.

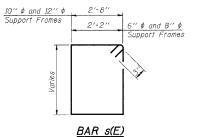
If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference. No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation

without the Engineer's written permission.

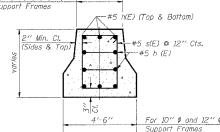
Concrete shall be placed monolithically, without construction joints.

Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.

A normal surface finish followed by a Bridge Seat Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Drilled Shaft Concrete Foundation.







SECTION B-B

BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape	
h(E)	10	#5	M less 4"		
s(E)	Varies	#5	Varies		6" φ and 8" φ
v(E)	16	#9	F less 0'-5"		Support Frame
v(E)	24	#9	F less 0'-5"		- 10" ∮ and 12" ¢
					Support Frame
#4(E,) bar spire	<i>al _ s</i> ee S	ide Elevation		

3₄'' \$\phi x 8'-0'' copper weld ground rod driven into ground 7'-0''. Cost of rod, cable. conduit, caps and clamps shall be included in "Drilled Shaft Concrete Foundations". SIDE ELEVATION Concrete Foundation poured monolithically with no construction joint.

-#5 h(E) **B**◀

 $B \blacktriangleleft$

#6 copper wire or cable

-1", typ.

This Length of Barrier Transition will be paid for as Concrete Barrier, Double Face, typ. 1" Preformed Joint Transition to Standard
637001 Concrete Barrier,
Double Face, typ. 1'-3'' For 6'' \$\phi\$ and 8'' \$\phi\$
Support Frames
1'-6'' For 10'' \$\phi\$ and 12'' \$\phi\$ PLAN

#9 v(E) bars -

3 hoops minimum

* Anchor rod shall be ground or filed to bright metal at clamp

and cable connection location.

Top of Elevation

1" Preformed Joint Filler, typ.

Bottom Elevation

© Sign Truss Foundation

For 10" \$\phi\$ and 12" \$\phi\$ 3'-0" Support Frames

For 6" \(\phi \) and 8" \(\phi \)
Support Frames

For 6" ϕ and 8" ϕ Support Frames

END VIEW

Structure Number	Station	Left Foundation			Right Foundation				Class SI	
		Elevation Top	Elevation Bottom	В	F	Elevation Top	Elevation Bottom	В	F	Concrete (Cu. Yds.)
9S100I057L52.8	1532+00	-	-		-	475.15	454.36	16.5	20,79	14.8

For 6" ¢ and 8" ¢ Support Frames

3'-0'' ¢	For 10" and 12" \$ Support Frames For 6" \$\phi\$ and 8" \$ Support Frames	2'-6" ø	Pipe Support Frames	cc	М	а	o/2
			6''φ 8''φ 10''φ 12''φ	7'-0'' 7'-6'' 8'-3'' 9'-0''	9'-6'' 10'-0'' 10'-9'' 12'-0''	0'-11'' 1'-1'2'' 1'-3'' 1'-6''	5½" 6¾" 7½" 9"
	≻ #9 v(E) #4(E) bar spiral 3" cl.	#9 #4(E) b	v(E) ar spiral				

SECTION A-A

ILLINOIS DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES MEDIAN SUPPORT FOUNDATION DETAILS

SCALE: VERT. NONE DATE

REVISIONS NAME

DRAWN BY CNH CHECKED BY

OS4-MED 1-7-05

DATE = 12/13/2006 NAME = ci\projects\c SCALE = 50.0000 '/ II NAME = headon

PLOT FILE 1 PLOT USER